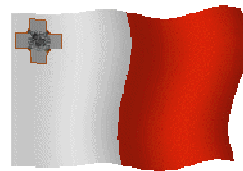


MARL



MALTA



Magazine by MARL

For Maltese and Gozitan
Radio Amateurs

Number 32

November 2008



Smoking is prohibited at the Centre

From the Editor

Friends,

I welcome you to another issue of this magazine for November 2008, which is issue 32 of this series.

We have arrived at the last months of the year and everyone starts thinking about some present that he will be giving or receiving.

A gift that Maltese radio amateurs are going to be given is that we will be able to work on the frequency of **136kHz** for which we have long been working. We therefore expect that as from next 1 January we will start using it carefully and as much as possible.

Further down you have photos of the emergency group that took part in the exercise that was held in November. The group enjoyed themselves so much that they are thinking of organizing another activity by again going to work somewhere outside.

There is the intention that this activity be organized for **Monday 8 December** which is a public holiday and the intention is to start working on **Sunday 7 December**. Therefore be ready to at least speak to them.

Although the weather is getting colder and it may be rainy, this is not going to discourage these radio amateurs, but prepare them because no one knows when an emergency may crop up. Therefore be careful because we will give you more details in the next issue.

Further down you also have some photos of the Xghajra scout group that took part in the scouts Jamboree where **John, 9H1XT** always took care to set up a station for this activity.

More photos both of scouts as well as well as of the emergency will be published later in the next magazine.

I wish to remind you that now that we are nearing the last days of the year you should think about paying your membership not only because it is your duty to sustain our organization to be able to work for you with the authorities, but also to be able to vote in the Committee election.

I hope that you find the information in the magazine useful to you and if you have some article please leave it in my **QSL** box.

Lawrence

9H1AV / 9H9MHR

GlobalSet

Radio amateurs who are in the emergency group have again taken part in the emergency simulation exercise that was held on **Saturday 8 ta' November 2008**, between **04.00** and **08.00 UTC**.

For this exercise there were two groups that got new experience by working outside with battery apparatus and antennas that were made at the same time. Further down you have a number of photos taken during this activity and more photos will be brought to you later on.

Lawrence

9H1AV / 9H9MHR

Internet links

All those who want to receive e-mails from NASA about latest happenings in space can go to the following link write down their e-mail and send it.

<http://science.nasa.gov/news/subscribe.asp>

All those who want to know more on UFOs can go to the following link from where they could download a number of reports that were published by the British Government.

<http://ufos.nationalarchives.gov.uk/>

Weather page

For those who want to know about the weather there is a page where there are weather reports on coloured maps.

The colours show how the weather is and how it is expected to be with the colours showing the risk level from certain things such as sea storms, huge waves, forest fires, winds, heavy rain, snow and ice, lightning, fog, temperature, and other things.

The address to this page is www.meteoalarm.eu

Lawrence

9H1AV / 9H9MHR

500kHz

Notwithstanding the representations that we had about this frequency the authorities do not want to give us an allocation prior to a decision by the ITU.

It's good to know some information of what has been done by radio amateurs in other countries about this frequency.

It was in **2002** that the **RSGB** had made a proposal to **IARU** to work for an allocation around this frequency by means of a paper that it presented to the **IARU Region 1** Conference in **Monaco**.

The Conference adopted the following recommendation **REC/02/SM/C4.11** that stated,

“A working group be formed to investigate the possibility of a frequency allocation of approximately 10 kHz between 470 – 490 kHz to investigate propagation and the use of new communication technologies. A Progress report should be circulated to the secretaries of Region 2 and Region 3 for information.”

A Working Group was set up with the following members:

Region 1

ON7YD	Rik Strobe, (Chair)
DK4VW	Ulrich Mueller
EI0CF	Finbar O'Connor
G3AQC	Laurie Mayhead
G3JKV	Walter Blanchard
G3XDV	Mike Dennison
G3WKL	John Gould
OM2TW	Gesparik Richard

Region 2:

CO2KK	Arnie Coro
W1FR	Fredrick Raab
WA1PTC	Mike Staines
W2ILA	Tom Mackie

Region 3:

VK4DU	Glen Dunstan
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The **500kHz** Working Group's reported to the **2005 IARU Region 1** Conference and also to the **2007** Conference. After a lot of work by the Working Group members **IARU** accepted to take action to get the issue of Amateur access on the **ITU WRC 2011** Agenda.

Very intense lobbying by the **IARU** and various national delegates resulted in the 500 kHz proposal being accepted for the **WRC-2011** Agenda, which reads:

"to consider an allocation of about 15 kHz in parts of the band 415-526.5kHz to the amateur service on a secondary basis, taking into account the need to protect existing services"

The work of individual radio amateurs and national radio amateur organizations did not end here, but continued working on a national basis so that today we find a number of progressive countries that have already given their radio amateurs an allocation on this frequency as I have already shown several times.

It appears that in Malta we are not with the progressive countries and the authorities are afraid to take decisions notwithstanding that the authorities of other progressive countries take the necessary decisions in the interests of their radio amateurs and do not wait for international conferences to give allocations to their radio amateurs.

Lawrence

9H1AV / 9H9MHR

2008 Scouts Jamboree: Xghajra Group



9H1XT and Scouts erecting antennas



9H1XT explaining what they are going to do

More explanations by **9H1XT**



Scouts showing interest

9H1JJ Jan seeing what they have worked



Jan and John with the scouts



Countries contacted



Part of the group photo



You did nothing except licking the sun

Congratulations to **John, 9H1XT** that year after year he sets up his station during the Xghajra scouts jamboree for the Xghajra scouts group to raise their interest in the radio hobby, as well as **Jan, 9H1JJ**, who also takes part. Other groups who took part in the jamboree can send us their photos and we will also publish them.

Lawrence

9H1AV / 9H9MHR

Globalset 2008 Group 1



9H1ES



Fuel for the operators



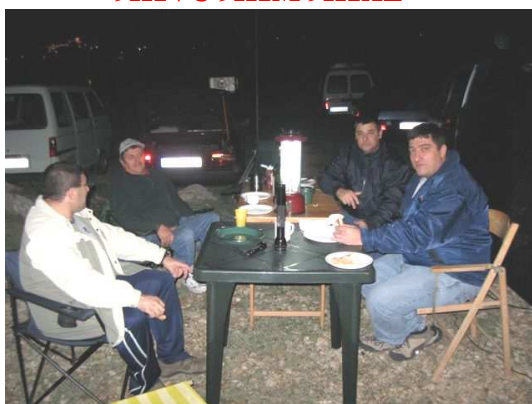
9H1XE 9H1AA



9H1VC 9H1M 9H1XE



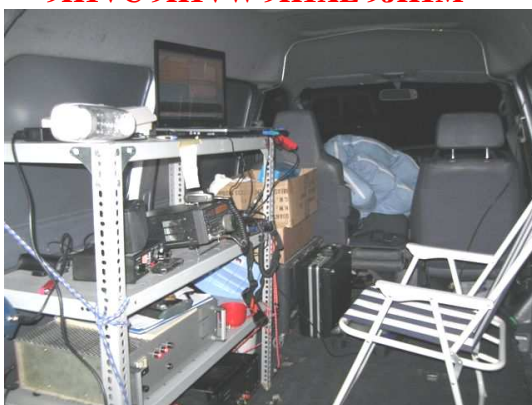
9H1AA 9H1ES



9H1VC 9H1VW 9H1XE 9H1M



9H1PI



9H1XE 9H1AA

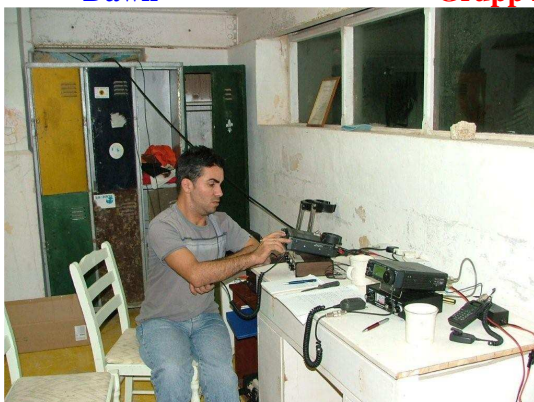


Dawn



Grupp 2 below

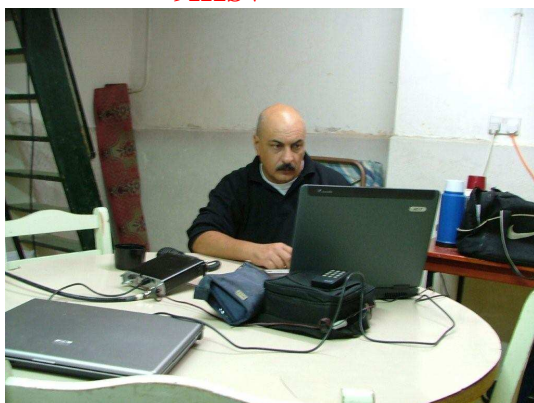
9H1XE



9H1SV



9H1AK



9H1RA



9H1SF 9H1BW 9H1RA 9H1PS



9H1SF 9H1AK



9H1BW 9H1RA



Dawn

Notte Bianca 2008 Valletta City



TV microwave link



9H1VW



TV Camera



9H1PI 9H1VC

I thank all those who provided the photos for publication in the magazine.

Lawrence

9H1AV / 9H9MHR

Internet Links

All those who like to use a rather powerful transmitter can go on these links

http://www.cqham.ru/HiFi_Contester_EX8A.htm

http://www.cqham.ru/pa_gu81.htm

<http://www.cqham.ru/R140.htm>

SMD components measurements

0402	0.5 x 1.0 mm
0603	0.8 x 1.6 mm
0805	0.57 x 2.0 mm
1206	1.6 x 3.2 mm
1218	3.0 x 4.6 mm
1808	2.0 x 4.6 mm
1812	3.2 x 4.6 mm

A list of prefixes and ITU zone list

Hereunder you have a list of prefixes according to ITU zones

- 1. KL**
- 2. VE6, VE7, VE8** (south of **80N** and west of **110W**), **VY1**
- 3. VE5, VE3/4/8** (south of **80N** and between **90** & **110W**)
- 4. VE2/3/4/8** (south of **80N** and between **70** and **90W** including all **Baffin Island**)
- 5. OX** (south of **80N**)
- 6. W6, W7** (excluding **Wyoming** & **Montana** east of **110W**)
- 7. W5** (excluding **Mississippi**), **W7** (**Wyoming** & **Montana** east of **110W**), **W0**
- 8. W1, W2, W3, W4, W5** (**Mississippi** only), **W8, W9, 4U** (New York)
- 9. CY9, CY0, FP, VE1, VE2** (east of **70W**), **VO1, VO2, VY2**
- 10. FO8** (**Clipperton**), **XE, XF4**
- 11. C6, CO, FG, FM, FJ/FS, HH, HI, HK0** (**San Andres**), **HP, HR, J3, J6, J7, J8, KG4, KP1, KP2, KP3/4, KP5, P4, PJ** (**Netherlands Antilles**), **PJ** (**Sint Maarten**), **TG, TI, V2, V3, V4, VP2** (**Anguilla**), **VP2** (**Br. Virgin Is**), **VP2** (**Montserrat**), **VP5, VP9, YN, YS, YV0, ZF, 6Y, 8P, 9Y**
- 12. CP, FY, HC, HC8, HK, HK0** (**Malpelo**), **OA, PY** (west of **60W**), **PZ, TI9, YV, 8R**
- 13. PY** (north of **16.5S** & east of **60W**), **PY0** (**Fernando de Noronha**), **PY0** (**St Peter & Paul**)
- 14. CE** (north of **40S**), **CE0** (**Juan Fernandez**), **CE0** (**San Felix**), **CX, LU** (north of **40S**), **ZP**
- 15. PY** (south of **16.5S**), **PY0** (**Trindade**)
- 16. CE** (south of **40S**), **LU** (south of **40S**), **VP8** (**Falklands**)
- 17. TF**
- 18. JW** (south of **80N**), **JX, LA, OH, OH0, OJ0, OY, OZ, SM**
- 19. UA1** (between **60** and **80N** and west of **50E**), **UA9** (between **60** and **80N** and west of **50E**)

20. **R1F** (**FJL** south of **80N**), **UA1** (between **60** and **80N** and east of **50E**), **UA9** (between **60** and **80N** and between **50** and **75E**)
21. **UA9/0** (between **60** and **80N** and between **75** and **90E**)
22. **UA0** (between **60** and **80N** and between **90** and **110E**)
23. **UA0** (between **60** and **80N** and between **110** and **135E**)
24. **UA0** (between **60** and **80N** and between **135** and **155E**)
25. **UA0** (between **60** and **80N** and between **155** and **170E**)
26. **UA0** (between **60** and **80N** and east of **170E**)
27. **C3, EI, F, G, GD, GI, GJ, GM, GU, GW, LX, ON, PA, 3A**
28. **DL, HA, HB, HB0, HV, I** (excluding **IG9** & **IH9**), **IS, LZ, OE, OK, OM, S5, SP, SV, SV (Mt Athos), SV5, SV9, T7, T9, TK, YO, YU, Z3, ZA, 1A0 (SMOM), 4U (Geneva), 9A, 9H**
29. **R1M (MV Island), EK (Armenia), ER (Moldova), ES (Estonia), EU (Belarus), LY (Lithuania), UA1** (south of **60N**), **UA2, UA3, UA4** (west of **50E**), **UA6, UN (Kazakhstan west of 50E), UR (Ukraine), YL (Latvia), 4J (Azerbaijan), 4L (Georgia)**
30. **EX (Kyrgyzstan west of 75E), EY (Tajikistan), EZ (Turkmenistan), UA4** (east of **50E**), **UA9** (south of **60N** and west of **75E**), **UK (Uzbekistan), UN (Kazakhstan between 50 and 75E)**
31. **EX (Kyrgyzstan east of 75E), UA9/0** (south of **60N** and between **75** and **90E**), **UN (Kazakhstan east of 75E)**
32. **JT** (west of **110E**), **UA0** (south of **60N** and between **90** and **110E**)
33. **BY** (north of **44N**), **JT** (east of **110E**), **UA0** (south of **60N** and between **110** and **135E**)
34. **UA0** (south of **60N** and between **135** and **155E** including **Primor'ye** and **Sakhalin** but excluding the **Kurils**)
35. **UA0** (south of **60N** and between **155** and **170E** including the **Kurils**)
36. **CT3, CU, EA8**
37. **CN, CT, EA, EA6, EA9, IG9, IH9, S0, ZB, 3V, 7X**
38. **SU, 5A**
39. **A4, A6, A7, A9, HZ, JY, OD, TA, YI, YK, ZC4, 4X, 5B, 7O, 9K**
40. **EP, YA**
41. **A5, AP, S2, VQ9, VU (India), VU (Laccadives), 4S, 8Q**
42. **BY** (west of **90E**), **9N**
43. **BY** (between **90** and **110E**, excluding **Hainan**)
44. **BV, BY** (south of **44N** and east of **110E**, including **Hainan**), **BV9P (Pratas), HL, P5, VR2/VS6, XX9**
45. **JA, JD1 (Ogasawara)**
46. **C5, D4, EL, J5, TU, TY, TZ, XT, 3X, 5N, 5T, 5U, 5V, 6W, 9G, 9L**
47. **S9, TJ, TL, TT, 3C**
48. **E3, ET, J2, ST, ST0, T5, 5X, 5Z**
49. **HS, VU (Andamans), XU, XV, XW, XZ**
50. **DU, BY (Scarborough Reef), 1S (Spratly)**
51. **H4, P2, YB8/9** (east of **130E**)
52. **D2, TN, TR, 3C0, 9Q, 9U, 9X**
53. **C9, D6, FH, FR (Reunion), FR (Gloriosos), FR (Juan de Nova), FR (Tromelin), S7, Z2, 3B6/7, 3B8, 3B9, 5H, 5R, 7Q, 9J**
54. **V8, VK9 (Christmas), VK9 (Cocos-Keeling), YB1-7, YB8/9 (west of 130E), 9M2, 9M6/8, 9V**
55. **VK4, VK8, VK9 (Willis)**

- 56. FK, VK9 (Mellish Reef), YJ, 3D2 (Fiji), 3D2 (Conway Reef), 3D2 (Rotuma)
- 57. A2, V5, ZS, ZS8, 3DA, 7P
- 58. VK6
- 59. VK1, VK2, VK3, VK5, VK7
- 60. VK9 (Lord Howe), VK9 (Norfolk), VK0 (Macquarie), ZL, ZL7, ZL8, ZL9
- 61. KH1, KH3, KH4, KH5 (Palmyra but not Jarvis), KH5 (Kingman Reef), KH6/7, KH7K, T32 (Northern Line Is only)
- 62. A3, FW, KH5 (Jarvis), KH8, T31, ZK1 (North Cooks), ZK2, ZK3, 5W
- 63. CE0 (Easter), FO, T32 (Central & Southern Line Is), VR6, ZK1 (South Cooks)
- 64. KC6/T8, KH2, KH0, V6 (west of 150E)
- 65. C2, KH9, T2, T30, T33, V6 (east of 150E), V7
- 66. ZD7, ZD8, ZD9
- 67. Antarctica (north of 80S and between 20W and 40E), 3Y (Bouvet)
- 68. FT (Amsterdam), FT (Crozet), FT (Kerguelen), VK0 (Heard)
- 69. Antarctica (north of 80S and between 40 and 100E)
- 70. Antarctica (north of 80S and between 100 and 160E)
- 71. Antarctica (north of 80S and between 160E and 140W)
- 72. Antarctica (north of 80S and between 140 and 80W), 3Y (Peter 1)
- 73. Antarctica (north of 80S and between 80 and 20W), VP8 (S. Georgia), VP8 (S. Orkneys), VP8 (S. Sandwich), VP8 (S Shetlands)
- 74. Antarctica (between 80 and 90S South Pole)
- 75. JW (north of 80N), OX (north of 80N), R1F (FJL north of 80N), UA0 (Severnaya Zemlya north of 80N), VE8 (north of 80N)
- 78 CE0 (Salas-y-Gomez)
- 90. JD1 (Minami Torishima)

I hope that you find this information useful

Lawrence

9H1AV / 9H9MHR

Activities

Activity for radio amateurs

Be attentive and become members in the yahoo group to be fully informed with the latest activities that we intend to hold.

We will shortly be issuing the second copy of the magazines that MARL used to issue in previous years so that whoever wants to can keep a copy and see what happened during the years.

I remind you that every alternate Thursday, that is, Thursday yes Thursday no, an eating activity is held at the Club where whoever is present and is not on diet may eat against a nominal payment. For more details speak to Joe, 9H1AJ.

Lawrence

9H1AV/9H9MHR